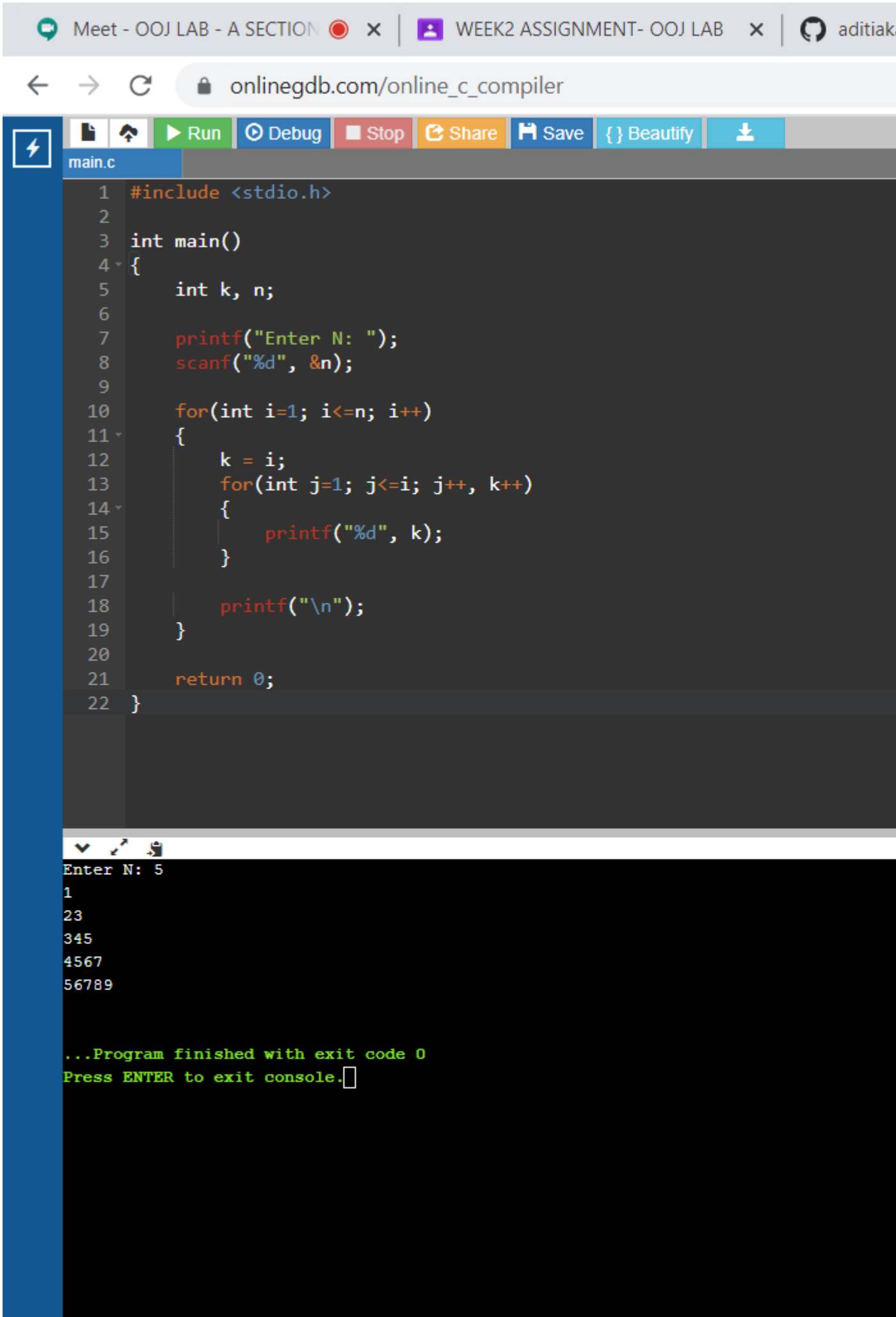
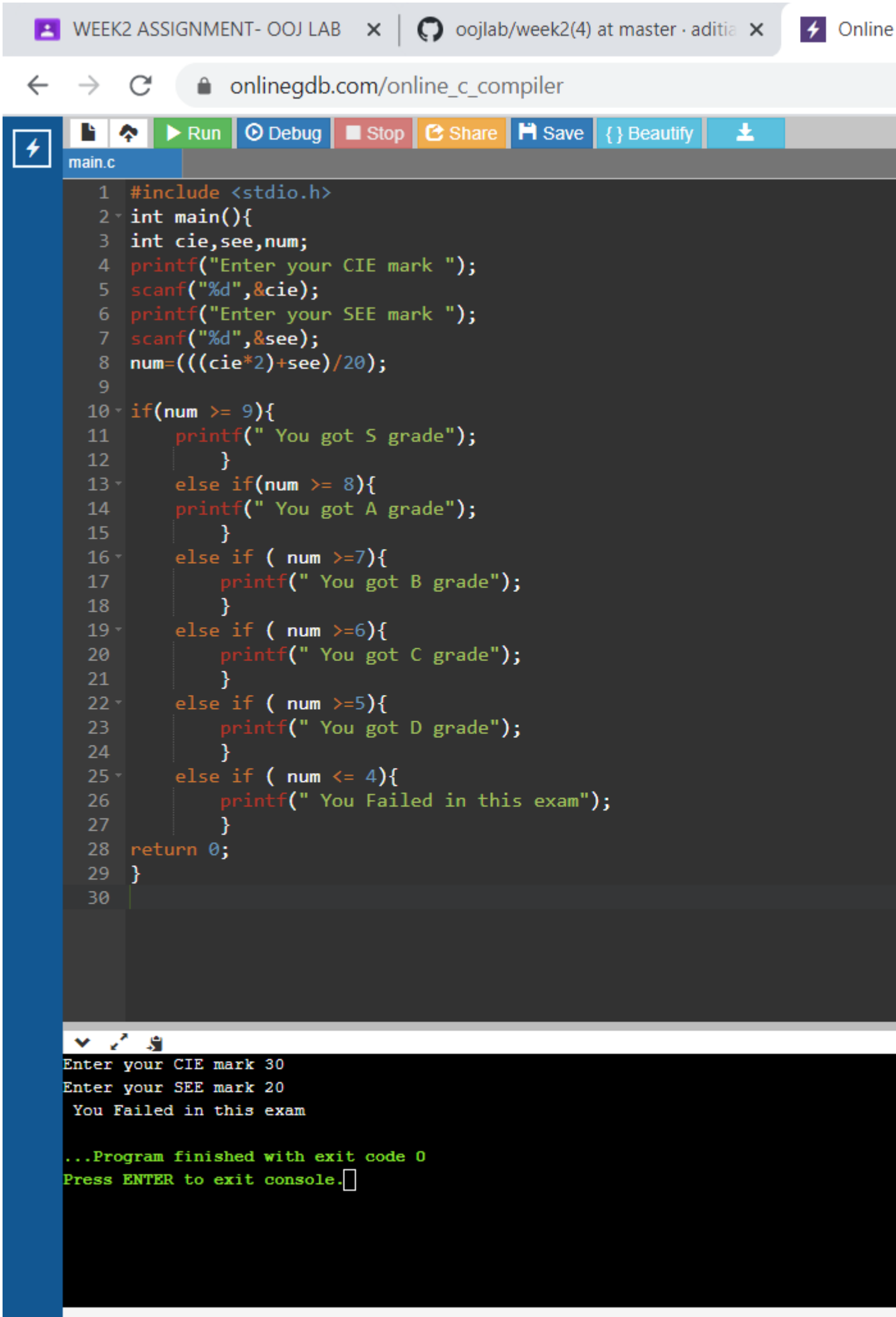
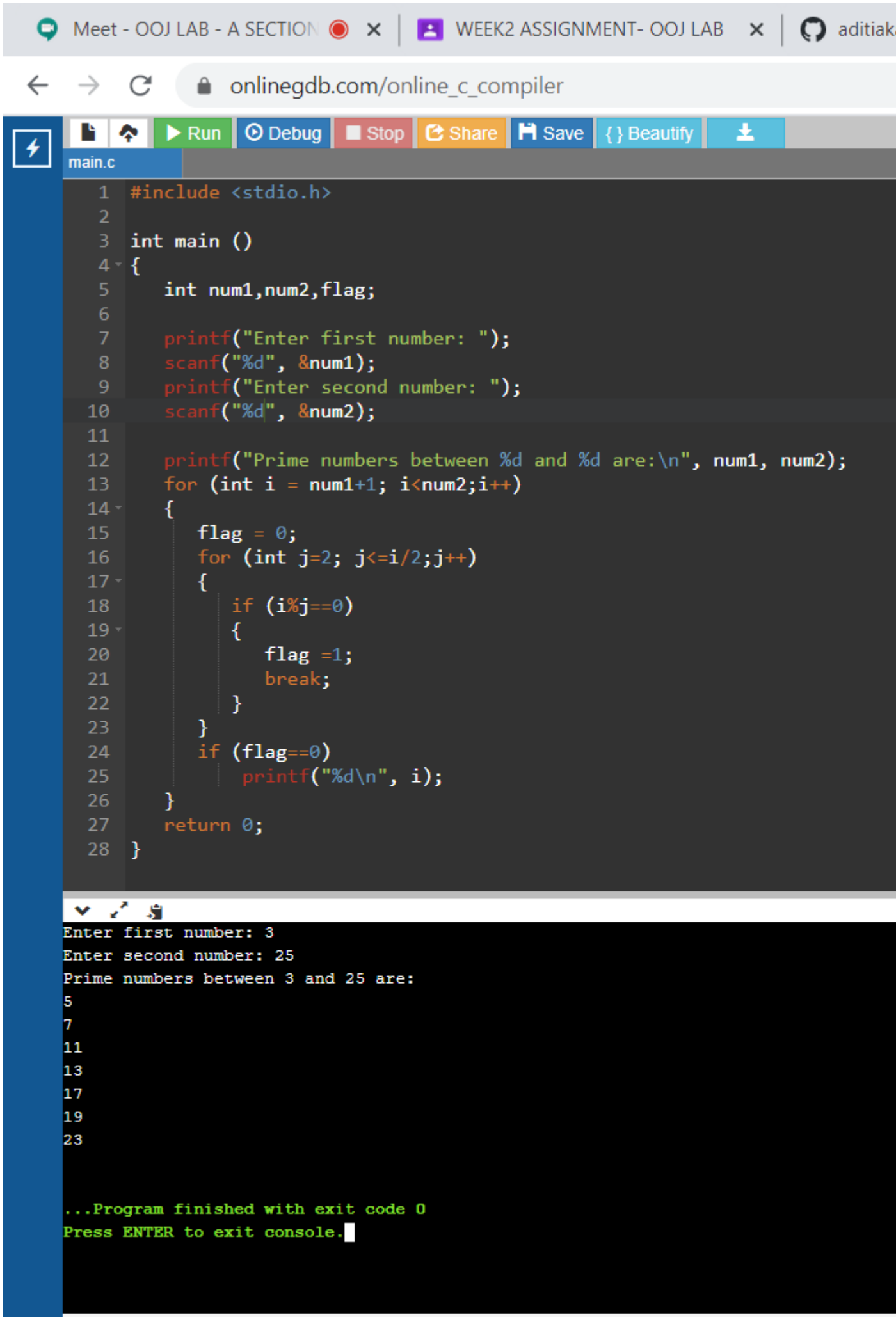
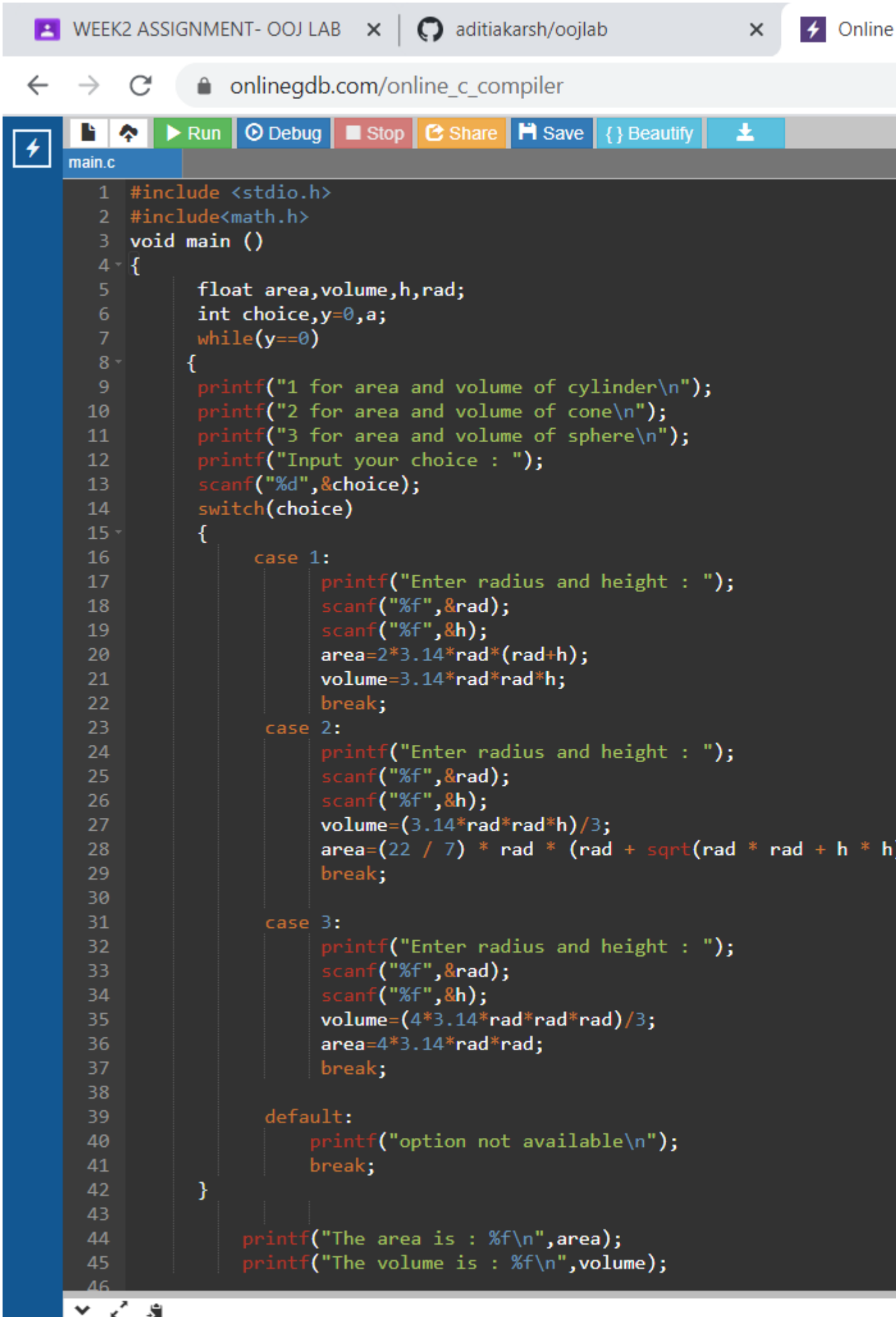
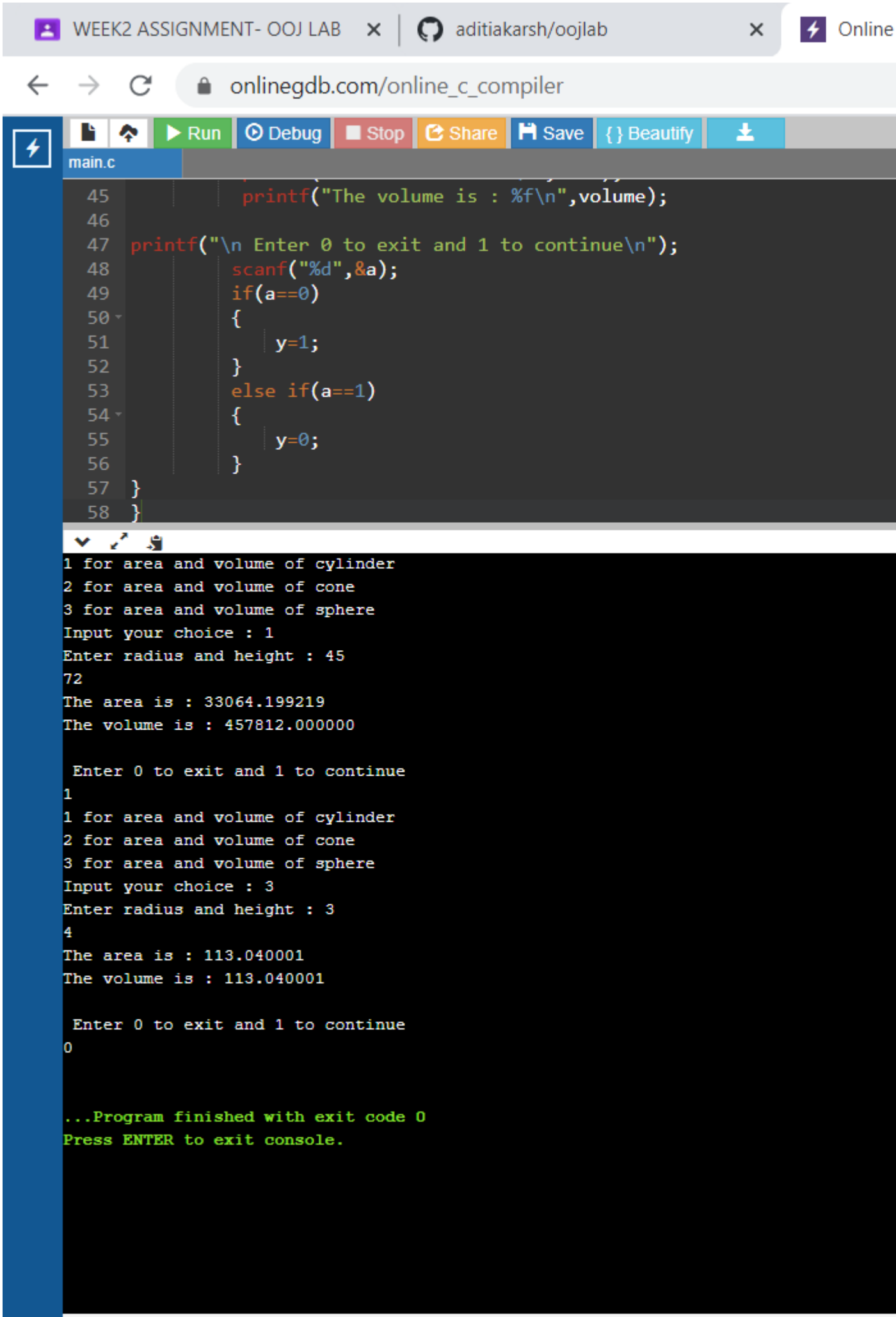

Meet - OOJ LAB - A SECTION
WEEK2 ASSIGNMENT- OOJ LAB
aditiak
onlinegdb.com/online_c_compiler
Run
Debug
Stop
Share
Save
{ } Beautify
main.c
#include <stdio.h>
int main()
{
int k, n;
printf("Enter N: ");
scanf("%d", &n);
for(int i=1; i<=n; i++)
{
k = i;
for(int j=1; j<=i; j++, k++)
{
printf("%d", k);
}
printf("\n");
}
return 0;
}
Enter N: 5
1
23
345
4567
56789
...Program finished with exit code 0
Press ENTER to exit console.


WEEK2 ASSIGNMENT- OOJ LAB
oojlab/week2(4) at master · aditi
Online
onlinegdb.com/online_c_compiler
Run
Debug
Stop
Share
Save
{ } Beautify
main.c
#include <stdio.h>
int main(){
int cie,see,num;
printf("Enter your CIE mark ");
scanf("%d",&cie);
printf("Enter your SEE mark ");
scanf("%d",&see);
num=(((cie*2)+see)/20);
if(num >= 9){
printf(" You got S grade");
}
else if(num >= 8){
printf(" You got A grade");
}
else if (num >=7){
printf(" You got B grade");
}
else if (num >=6){
printf(" You got C grade");
}
else if (num >=5){
printf(" You got D grade");
}
else if (num <= 4){
printf(" You Failed in this exam");
}
return 0;
}
Enter your CIE mark 30
Enter your SEE mark 20
You Failed in this exam
...Program finished with exit code 0
Press ENTER to exit console.


Meet - OOJ LAB - A SECTION
WEEK2 ASSIGNMENT- OOJ LAB
aditiak
onlinegdb.com/online_c_compiler
Run
Debug
Stop
Share
Save
{ } Beautify
main.c
#include <stdio.h>
int main ()
{
int num1,num2,flag;
printf("Enter first number: ");
scanf("%d", &num1);
printf("Enter second number: ");
scanf("%d", &num2);
printf("Prime numbers between %d and %d are:\n", num1, num2);
for (int i = num1+1; i<num2;i++)
{
flag = 0;
for (int j=2; j<=i/2;j++)
{
if (i%j==0)
{
flag =1;
break;
}
}
if (flag==0)
printf("%d\n", i);
}
return 0;
}
Enter first number: 3
Enter second number: 25
Prime numbers between 3 and 25 are:
5
7
11
13
17
19
23
...Program finished with exit code 0
Press ENTER to exit console.


WEEK2 ASSIGNMENT- OOJ LAB
aditiakarsh/oojlab
Online
onlinegdb.com/online_c_compiler
Run
Debug
Stop
Share
Save
{} Beautify
main.c
#include <stdio.h>
#include<math.h>
void main ()
{
float area,volume,h,rad;
int choice,y=0,a;
while(y==0)
{
printf("1 for area and volume of cylinder\n");
printf("2 for area and volume of cone\n");
printf("3 for area and volume of sphere\n");
printf("Input your choice : ");
scanf("%d",&choice);
switch(choice)
{
case 1:
printf("Enter radius and height : ");
scanf("%f",&rad);
scanf("%f",&h);
area=2*3.14*rad*(rad+h);
volume=3.14*rad*rad*h;
break;
case 2:
printf("Enter radius and height : ");
scanf("%f",&rad);
scanf("%f",&h);
volume=(3.14*rad*rad*h)/3;
area=(22 / 7) * rad * (rad + sqrt(rad * rad + h * h
break;
case 3:
printf("Enter radius and height : ");
scanf("%f",&rad);
scanf("%f",&h);
volume=(4*3.14*rad*rad*rad)/3;
area=4*3.14*rad*rad;
break;
default:
printf("option not available\n");
break;
}
printf("The area is : %f\n",area);
printf("The volume is : %f\n",volume);


WEEK2 ASSIGNMENT- OOJ LAB
aditiakarsh/oojlab
Online
onlinegdb.com/online_c_compiler
Run
Debug
Stop
Share
Save
{ } Beautify
main.c
printf("The volume is : %f\n",volume);
printf("\n Enter 0 to exit and 1 to continue\n");
scanf("%d",&a);
if(a==0)
{
y=1;
}
else if(a==1)
{
y=0;
}
}
}
1 for area and volume of cylinder
2 for area and volume of cone
3 for area and volume of sphere
Input your choice : 1
Enter radius and height : 45
72
The area is : 33064.199219
The volume is : 457812.000000
Enter 0 to exit and 1 to continue
1
1 for area and volume of cylinder
2 for area and volume of cone
3 for area and volume of sphere
Input your choice : 3
Enter radius and height : 3
4
The area is : 113.040001
The volume is : 113.040001
Enter 0 to exit and 1 to continue
0
...Program finished with exit code 0
Press ENTER to exit console.